```python
#Returns the maximum value that can be stored by the bag

def knapSack(W, wt, val, n):

    # initial conditions
    if n == 0 or W == 0 :
        return 0
    # If weight is higher than capacity then it is not included
    if (wt[n-1] > W):
        return knapSack(W, wt, val, n-1)
    # return either nth item being included or not
    else:
        return max(val[n-1] + knapSack(W-wt[n-1], wt, val, n-1),
            knapSack(W, wt, val, n-1))
# To test above function
val = [50,100,150,200]
wt = [8,16,32,40]
W = 64
n = len(val)
print ("output is:",knapSack(W, wt, val, n))
```

OUTPUT:

output is: 350